

## IN THE CLAIMS

1. (Currently Amended) A method, comprising:

~~receiving~~ selecting a first network design from among a plurality of network designs for a network having two or more network components based upon a design rule;

configuring network settings, including IP address, links, and ports, for a first server ~~one or more servers~~ in the network ~~into a digital image~~, the configuration of the network settings based upon the design rule and the first network design of the network;

building ~~the a~~ digital image with the network settings for at least the first server ~~one of the servers in the network;~~ and

deploying the digital image onto the first server ~~at least one of the servers in the network.~~

2. (Original) The method of claim 1, wherein the network comprises a server farm.

3. - 6. (Canceled)

7. (Original) The method of claim 1, wherein the digital image is dynamically built.

8. (Currently Amended) The method of claim 7, further comprising:

deploying the dynamically built digital image over a network connection in response to a netboot request from ~~at~~ the first server.

9. (Currently Amended) The method of claim 1, further comprising:

rebuilding the digital image for the first at least one server in the

network; and

redeploying the digital image for the first at least one server.

10. – 19. (Canceled)

20. (Currently Amended) An apparatus, comprising:

means for ~~selecting~~receiving a first network design of a network from a plurality

of network designs for a network having two or more network

components based upon a design rule;

means for configuring network settings, including IP addresses, links and ports,

for a first server ~~one or more servers~~ in the network ~~into a digital~~

~~image~~, the configuration of the network settings based upon the design rule

and the first network design of the network;

means for building ~~the a~~ digital image with the network settings for ~~at least of~~

~~one of the~~ first server servers in the network; and

means for deploying the digital image onto ~~at least one of the~~ first servers servers

~~in the network.~~

21. (Canceled)

22. (Currently Amended) The apparatus of claim 20, further comprising:

means for generating the network design.

23. – 24. (Canceled)

25. (Currently Amended) An apparatus comprising:

design rule logic having design instructions;

network topology logic having a function to generate a plurality of network

designs for a network having two or more network components according to

design list requirements and the design instructions~~receive a design of a~~  
network;

graphic user interface having a function to select a first network design from the  
plurality of network designs;

configuration logic to configure network settings, including IP addresses, links  
and ports, for a first server~~one or more servers in the network into~~  
~~a digital image,~~ the configuration of the network settings based upon the  
design instructions and the first network design of the network;

digital image building logic to build the a digital image with the network  
settings for at least one of the first server servers in the network; and

deployment logic to deploy the digital image onto at least one of the first  
serverservers in the network.

26. - 27. (Canceled)

28. (Currently Amended) The apparatus of claim 25, wherein the further comprising:

a graphic user interface having a further function to generate the network  
topology for the network.

29. (Previously Presented) The apparatus of claim 25, further comprising:
- a database to store one or more digital images of a server, one or more network topologies, and network configurations.
30. (New) The method of claim 1, wherein configuring network settings comprising sending a request to a Domain Name System server.
31. (New) The apparatus of claim 20, wherein the design rule instructing how a component in a network can or cannot be employed in the network.
32. (New) The apparatus of claim 20, wherein the configuring means including a Domain Name System server.
33. (New) The apparatus of claim 25, wherein the design rule logic having further instructions to determine how a component in the network can or cannot be employed in the network.
34. (New) The apparatus of claim 25, wherein the configuration logic further comprising a Domain Name System server.
35. (New) The apparatus of claim 25, wherein the configuration logic installing network translation software on a network component of the network.

36. (New) The apparatus of claim 25, wherein the design list requirements including functions, hardware amount, hardware type, and the number of WAN IP addresses.